Index of Claims

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10/777,762

Examiner

Jerry T. Rahll

Applicant(s)/Patent under Reexamination

HSIAO, CHUN-I

Art Unit

2874

| √ | Rejected |
|---|----------|
| = | Allowed  |

| 1 | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| N | Non-Elected  |
|---|--------------|
|   | Interference |

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| Cla          | aim      |              |          |          | ı | Date     | е               |            |          |           |      | Cla      | aim      |                                     |   | -             | D             | ate         |          |   |              |       | CI    | aim      |  |  |  | D  | ate           | ;             |  |           |              |
|--------------|----------|--------------|----------|----------|---|----------|-----------------|------------|----------|-----------|------|----------|----------|-------------------------------------|---|---------------|---------------|-------------|----------|---|--------------|-------|-------|----------|--|--|--|--|---------------|---------------|--|-----------|--------------|
|              |          | 9            |          |          |   |          |                 |            |          |           |      |          | -        |                                     |   |               |               |             |          |   |              |       |       | =        |  |  | 1  |  |               |               |  |           |              |
| Final        | Original | 1/           |          |          |   |          |                 |            |          |           |      | Final    | Original | ļ                                   |   |               |               |             |          | ł   |              |       | Final | Original |  |  |  |  | - 1           |               |  | - 1       |              |
| ᄩ            | ļ.ē      | 39           | Y        |          |   |          |                 |            |          |           |      | ᇤ        | rig      |                                     |   |               |               |             |          |   |              |       | ίĒ    | Ē        |  |  | -  |  | -             |               |  | - 1       |              |
|              | 0,       | 6            |          |          |   |          |                 |            |          |           |      |          | 0        |                                     |   |               |               | 1           |          |   |              |       |       | 0        |  |  | -1   |  | ١             |               |  | - 1       |              |
|              | 1        | 1            | •        | Н        | _ | _        |                 |            | _        | -         |      |          | 51       |                                     | т | $\dashv$      | 寸             | 十           | +        | +   | $\top$       |       |       | 101      |  | $\vdash$   | +  | +  | _             | _             | _  |           | -            |
|              | 2        | 1            | 5        |          |   |          | H               |            | 7        | -         |      |          | 52       |                                     |   | $\dashv$      | $\dashv$      | +           | +        | +   | 1            |       |       | 102      |  |  | +  | +  | $\dashv$      | 7             | $\dashv$   | $\dashv$  | $\dashv$     |
|              | 3        | 7            |          | Н        |   | Н        | Н               |            | +        | $\dashv$  |      |          | 53       | _                                   | Н | $\dashv$      | $\dashv$      | +           | +        | +-  | +-           |       |       | 103      | _  | $\vdash$   | ╅  | $\dashv$                                       | $\dashv$      | -             | 十  | $\dashv$  | -            |
|              | 4        | ۲            |          |          | - | -        | $\vdash$        |            | +        | -         |      |          | 54       | _                                   | Н | $\dashv$      | $\dashv$      | -           | +        | +   | +            |       |       | 104      | -  |  | +  | +  | -+            | +             | +  | +         | -            |
|              | 5        | ┢            | $\vdash$ | -        |   | -        |                 |            | -        |           |      |          | 55       | -                                   |   |               | +             | -+          | +        | +   | +            |       |       | 105      |  |  | +  | +  | $\dashv$      | -             | $\dashv$   | $\dashv$  | $\dashv$     |
|              | 6        | ┢            | -        | Н        |   | H        | ┨               |            | +        | -         |      |          | 56       | <del> </del>                        | Н | $\rightarrow$ | -+            | <del></del> |          | +   | +            |       |       | 106      | -  |  | +  | $\dashv$                                       | $\dashv$      | $\dashv$      | $\dashv$   | $\dashv$  |              |
|              | 7        | ┢╾           | -        |          |   | $\vdash$ | -               |            | +        | -         |      |          | 57       | -                                   | - | $\dashv$      | $\dashv$      | -1-         |          | ╁   | +-:          |       |       | 107      |  | <del>                                     </del> | +  | +  | +             | $\dashv$      | +  |           |              |
|              |          | -            | -        |          |   | Н        | $\vdash$        | -          | $\dashv$ | -         |      |          | 58       |                                     | - | $\dashv$      | $\dashv$      | -           | +        | +   | 1            |       |       | 108      |  | $\vdash$   | +  | +  | $\dashv$      | $\dashv$      | +  |           |              |
|              | 8        | ├            |          | -i       |   |          | $\vdash$        |            | +        | -         |      |          |          |                                     |   | -             | $\dashv$      | $\dashv$    | +        | +   | ₩.           |       |       |          |  | $\vdash$   | +  | +  | $\dashv$      | +             | -  |           |              |
|              | 9        | -            | H        | -        |   | Н        | $\vdash$        |            | $\dashv$ | -         |      | _        | 59       | -                                   | Н | $\dashv$      | $\dashv$      | +           | +        | +   | +-           |       |       | 109      | H  | $\vdash$   | +  | +  | $\dashv$      | $\pm$         | $\dashv$   | $\dashv$  | -            |
| <u> </u>     | 10       | ₩            | 1        | Н        |   | H        | -               | $\dashv$   | _        |           |      | $\vdash$ | 60       | $\vdash$                            | Н | $\rightarrow$ | -             | $\dashv$    | +        | -   | +-           |       |       | 110      | -  | $\vdash$   | +  | +  | 4             | _             | -  | $\dashv$  | $\dashv$     |
|              | 11       | <del> </del> | _        | Ш        |   |          | $\vdash \vdash$ | $\dashv$   | _        | _         |      | <u> </u> | 61       | <u> </u>                            |   | _             |               |             | - -      | -   | -            |       |       | 111      | <b>-</b>                                     | -  | +  | -  | _             | _             | _  | _         | 4            |
|              | 12       | <u> </u>     |          | Ш        |   | <u> </u> |                 | <b></b>  - |          |           |      |          | 62       |                                     |   |               |               | -           | +        | +-  | $\vdash$     |       |       | 112      |  | -  | 4  | +  | 4             | $\rightarrow$ | 4  | $\dashv$  | 4            |
|              | 13       | $\vdash$     | <u> </u> | Ш        |   |          |                 |            |          | [:        |      | L        | 63       | L-                                  | Щ | _             | _             | _           | +        | $\bot$  | 1            |       |       | 113      | <u> </u>                                     | -  | 4  | -  | 4             | _             | -  | _         | _            |
|              | 14       | _            |          | Ш        |   |          |                 | $\sqcup$   | $\dashv$ | _         |      |          | 64       | <u> </u>                            | Ш | $\Box$        | 4             | $\dashv$    | 4        | $\perp$   | $\perp$      |       |       | 114      |  | $\sqcup \!\!\! \perp$                            | $\perp$  | $\dashv$                                       | _             |               | 4  | _         | _            |
|              | 15       | <u> </u>     |          | Ш        |   |          | $\sqcup$        | Ш          | _        |           |      |          | 65       | L_                                  | L |               |               |             | 4        | 4   | 1            |       |       | 115      | L  | _ _  | 4  | $\perp$  | 4             | _             | _  |           |              |
| L            | 16       | <u> </u>     | _        |          |   |          |                 |            | _        | _         |      | L        | 66       | _                                   |   |               | _             | _           | _ _      | _   | _            |       |       | 116      | _  | oxdot  | $\perp$  | _  | $\perp$       | _             | _  | l         |              |
|              | 17       | L            |          |          |   |          | Ш               |            |          | _         |      |          | 67       |                                     |   |               |               |             | $\perp$  | $\perp$   | $oxed{oxed}$ |       |       | 117      |  | Ш  | $\perp$  |  | _             |               | _  |           |              |
|              | 18       | L            |          |          |   |          |                 |            |          |           |      |          | 68       |                                     |   |               |               |             |          |   |              |       |       | 118      |  |  |  |  |               |               | $oldsymbol{ol}}}}}}}}}}}}}}}}$ |           |              |
|              | 19       |              | -        |          |   |          |                 |            |          |           |      |          | 69       |                                     |   |               |               |             |          |   |              |       |       | 119      |  |  | П  |  |               |               |  |           |              |
|              | 20       | Г            | П        |          |   |          | П               |            |          |           |      |          | 70       |                                     |   |               | T             |             | Т        |   |              |       |       | 120      | Γ  |  | Т  | $\Box$   | $\neg$        |               |  | $\Box$    |              |
|              | 21       |              |          |          |   |          |                 |            | -        |           |      |          | 71       |                                     |   |               |               | - I         |          |   |              |       |       | 121      |  |  | T  |  |               |               | -  | П         |              |
|              | 22       |              | Г        |          | _ |          |                 |            |          | _         |      |          | 72       | <u> </u>                            |   |               | 7             |             |          | 1   | 1            |       |       | 122      |  |  | T  | T  | $\neg$        |               |  | $\neg$    |              |
|              | 23       |              | Г        |          |   |          |                 |            |          |           |      |          | 73       |                                     |   |               |               |             | $\neg$   |   |              |       |       | 123      | Г  |  | 丁  |  | ヿ             |               |  | $\neg$    |              |
|              | 24       |              | T        |          |   | _        | 11              |            | _        |           |      |          | 74       | ┢                                   |   |               |               |             | _        | 1   | 1            |       |       | 124      |  |  | 1  | 1  | T             |               | 1  | $\exists$ | $\neg$       |
|              | 25       | 一            | $\vdash$ | П        | _ | $\vdash$ | $\Box$          | $\Box$     | $\dashv$ | $\exists$ |      |          | 75       | 1-                                  |   |               | 7             |             |          | +   | +            |       |       | 125      |  |  | $\top$   | +  | 寸             | T             | 7  | ╛         | $\neg$       |
|              | 26       | 一            | Г        | П        |   | Т        | $\vdash$        | $\neg$     | _        |           |      |          | 76       | $\vdash$                            |   |               | _             |             |          | 1   | +            |       |       | 126      |  | $\vdash$   | $\top$   | $\dashv$                                       | ┪             | Ħ             | $\dashv$   | 一         | $\neg$       |
|              | 27       | 一            | Н        |          |   | Н        | $\vdash$        | _          | _        | $\dashv$  |      |          | 77       | $\vdash$                            |   |               | $\dashv$      |             | $\dashv$ | 1   | +-           |       |       | 127      | -  |  | ╅  | $\dashv$                                       | $\dashv$      |               |  | $\dashv$  | $\neg$       |
|              | 28       | ╁            | $\vdash$ | Н        | - | H        | H               | 1          | $\dashv$ | $\dashv$  |      |          | 78       | H                                   | H | $\dashv$      | $\dashv$      | <b>-</b>    | +        | +   | 1            |       |       | 128      | -  |  | +  | $\dashv$                                       | $\dashv$      | _             | $\dashv$   | $\dashv$  | <del>-</del> |
|              | 29       |              |          |          |   |          | ├               |            | -        | ~-        |      |          | 79       | <del>  -</del>                      | - |               | +             | -+          |          | +-  | +-           |       |       | 129      | -  |  | +  | +  | -             | $\dashv$      | $\dashv$   | $\dashv$  | =            |
|              | 30       | -            | -        | -        |   | -        | <del>   </del>  |            | _        |           |      |          | 80       | -                                   | Н |               | $\dashv$      |             | +        | +   | +-           |       |       | 130      |  | $\vdash$   | +  | +  | -             |               | +  | $\dashv$  | $\dashv$     |
|              | 31       | ╫┈           |          |          |   | -        | <del>  </del>   |            | -+       |           |      |          | 81       | -                                   |   |               | -             |             |          | +   | +-!          |       |       | 131      |  | $\vdash$   | +  | +  | -+            | -             | -1   | $\dashv$  | $\dashv$     |
|              | 32       | ╁            |          |          |   | $\vdash$ | $\vdash$        | $\vdash$   | +        |           |      | $\vdash$ | 82       | ⊢                                   | Н | $\dashv$      | $\dashv$      | +           | +        | +   | +            |       |       | 132      | -  | ┝╌┼╌   | +  |  | $\dashv$      | $\dashv$      | $\dashv$   | $\dashv$  | $\dashv$     |
|              | 33       | $\vdash$     | ⊢        | Н        |   | $\vdash$ | $\vdash$        | $\dashv$   | $\dashv$ | $\dashv$  |      | $\vdash$ | 83       | $\vdash$                            | Н | $\dashv$      | -+            | +           | +-       | +-  |              |       | -     | 133      | $\vdash$                                     | $\vdash$   | +  | +  | $\dashv$      |               | +  | $\dashv$  | $\dashv$     |
|              |          | $\vdash$     | $\vdash$ | Н        | — | $\vdash$ | $\vdash \vdash$ | $\dashv$   | +        |           |      |          |          | $\vdash$                            | Н | $\dashv$      | $\dashv$      | $\dashv$    | +        | +   | +            |       |       |          |  | -  | +  | +  | $\dashv$      | -             | $\dashv$   |           | _            |
| <del> </del> | 34       | $\vdash$     | H        | Н        |   | Н        | $\vdash \vdash$ | $\dashv$   | +        | $\dashv$  |      | $\vdash$ | 84       |                                     | Н |               | $\dashv$      | +           | +        | +   | +            |       |       | 134      | $\vdash$                                     | $\vdash$   | +  | +  | $\dashv$      |               | -  | -         | 4            |
|              | 35       | $\vdash$     | H        | $\vdash$ |   | $\vdash$ | $\vdash \vdash$ | $\dashv$   | _        | -         |      | <u> </u> | 85       | <u> </u>                            | H | $\dashv$      | $\dashv$      | +           | +        | +   | +-           |       |       | 135      | <u> </u>                                     | $\vdash \vdash$                                  | +  | +  | 4             | $\dashv$      |  | $\dashv$  | _            |
| <u> </u>     | 36       | -            | $\vdash$ | Ш        |   | $\vdash$ | $\vdash \vdash$ | $\dashv$   | $\dashv$ | _         |      | $\vdash$ | 86       | -                                   | Н | $\dashv$      | $\dashv$      | $\dashv$    | +        | +   | $\vdash$     |       |       | 136      | <u> </u>                                     | $\vdash \vdash$                                  | +  | +  | 4             | _             | -  | _         | $\dashv$     |
|              | 37       | -            |          | -        |   |          |                 |            | -        |           |      |          | 87       | L.                                  | Ш |               |               |             | 4        | +-  | 1            |       | ļ     | 137      | <u> </u>                                     | -  | 4  | $\dashv$                                       | 4             | _             | _  | _         | _            |
| ļ            | 38       | <u> </u>     |          | ш        |   |          |                 | ऱ          | 4        | _         |      | <u> </u> | 88       | <u> </u>                            | Ш | $\sqcup$      | $\dashv$      | $\dashv$    | +        | $\bot$  | $\perp$      |       |       | 138      | <u> </u>                                     | $\vdash \vdash$                                  | 4  | $\perp$  | _             |               | _  | _         | _            |
| L            | 39       | <u> </u>     |          | ш        |   |          | $\sqcup$        |            | _        | [         |      | ļ        | 89       | <u> </u>                            | Ш | $\Box$        | _             | 4           | $\perp$  | $\perp$   | $\perp$      |       |       | 139      | L.   |  | 4  | _  | _             | _             | _  |           |              |
|              | 40       | <u>_</u>     |          |          |   |          | $\sqcup$        | $\sqcup$   | _        | _         |      |          | 90       | <u> </u>                            | Ш |               | _             | _           | 4        | $\perp$   | $\perp$      |       |       | 140      | Ш  | $\sqcup$   | $\perp$  | _  | $\dashv$      | $\perp$       | $\perp$  | $\Box$    | _            |
|              | 41       |              |          |          |   |          | Ш               | Ц          |          |           |      |          | 91       | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ш |               | $\rightarrow$ | 4           | - -      | ╀-  |              |       |       | 141      | $oxed{oxed}$                                 | $\sqcup \!\!\! \perp$                            | $\perp$  | $\perp$  | ightharpoonup |               |  |           |              |
|              | 42       | L            |          |          |   |          |                 |            | _        |           |      |          | 92       |                                     | Ш |               |               | $\perp$     | $\perp$  | $\perp$   |              |       |       | 142      | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$ | $\sqcup \! \! \! \! \! \perp$                    | $\perp$  |  | $\perp$       |               | $\Box$   |           |              |
|              | 43       | L            |          |          |   |          | $\bigsqcup$     | $\Box$     |          |           |      |          | 93       | $oxed{oxed}$                        |   |               |               |             |          |   |              |       |       | 143      |  | $\Box$   |  |  |               | [             |  |           |              |
|              | 44       | L            |          |          |   |          |                 |            |          |           |      |          | 94       |                                     |   |               |               | $\Box$      | $\Box$   | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |              |       |       | 144      |  | $\Box \Box$                                      | $oldsymbol{ol}}}}}}}}}}}}}}} $ | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{I}}}$ | J             | J             |  |           |              |
|              | 45       |              |          |          |   |          |                 |            |          |           |      |          | 95       |                                     |   |               | J             | $\Box$      |          |   |              |       |       | 145      |  |  | T  |  | T             |               | $\top$   | 丁         |              |
|              | 46       | $\Box$       | ·        |          |   |          |                 |            | $\Box$   |           |      |          | 96       |                                     |   |               | $\Box$        | T           | T        |   |              |       |       | 146      |  |  | T  | T  |               | T             | $\neg$   |           |              |
|              | 47       | Γ            |          |          |   |          |                 |            | $\neg$   |           |      |          | 97       |                                     |   |               |               |             | $\top$   | Τ   |              |       |       | 147      |  |  | T  | $\neg$   | $\dashv$      | 寸             | 寸  | $\neg$    |              |
|              | 48       |              |          |          |   | $\Box$   | $\Box$          | $\neg$     | $\neg$   |           |      |          | 98       | 1                                   | П |               |               | 十           | $\top$   | 1   | П            |       |       | 148      |  | $\sqcap$   | T  | 寸  | $\dashv$      |               | 1  | $\dashv$  | $\dashv$     |
|              | 49       |              |          |          |   | $\Box$   | П               | $\Box$     | $\neg$   |           |      |          | 99       |                                     |   |               | 寸             | $\top$      | $\top$   | T   | П            |       |       | 149      |  | $\Box$   | T  | $\dashv$                                       | 寸             |               | $\dashv$   | 寸         | $\dashv$     |
|              | 50       |              | П        |          |   |          | П               | $\Box$     |          |           |      |          | 100      |                                     |   |               | $\neg$        | $\dashv$    | 十        | 1   | T            |       |       | 150      | Г  | $\vdash$   | +  | $\top$   | 7             | $\neg$        | $\dashv$   | 一         | $\dashv$     |
|              | 70       | Ц.           | L        | ш        |   | L        | ш               | $\perp$    |          | :لــــ    | :::: |          | LIVU     | <u> </u>                            |   |               |               |             |          |   | $\bot$       | ::::: |       | 130      |  |  | _L   | ᆚ  | _1            |               |  |           |              |